

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001163

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G11B 20/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G11B 20/10 G11B 7/00 G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
"time-scale modification, speed ratio, synchronize"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,484,137 B1 (Matsushita Electric Industrial Co., Ltd.) 19 NOV 2002 See the whole document	1-24
A	US 6,232,540 B1 (Yamaha Corp.) 15 MAY 2001 See the whole document	1-24
A	US 6,360,202 B1 (Interval Research Corporation) 19 MAY 2002 See the whole document	1-24
A	US 6,266,003 B1 (Sigma Audio Research Limited) 24 JUL 2001 See the whole document	1-24
A	US 6,049,766 A (Creative Technology Ltd.) 11 APR 2000 See the whole document	1-24

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family


Date of the actual completion of the international search

26 AUGUST 2004 (26.08.2004)

Date of mailing of the international search report

27 AUGUST 2004 (27.08.2004)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

HAN, Choong Hee

Telephone No. 82-42-481-5700



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001163

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6,484,137 B1	19 NOV 2002	JP 11-194796 A	21 JUL 1999
US 6,232,540 B1	15 MAY 2001	JP 2000-322061 A	24 NOV 2000
US 6,360,202 B1	19 MAY 2002	NONE	
US 6,266,003 B1	24 JUL 2001	WO 2000/013172 A1 EP 1127349 A1	09 MAR 2000 29 AUG 2001
US 6,049,766 A	11 APR 2000	WO 1998/020482 A1	14 MAY 1998